BRUHAT BANGALORE MAHANAGARA PALIKE

Name of Work:- Construction of additional class rooms,Toilet &providing school accessories to yelahanka government junior college,Yelahanka Bangalore,Ward No-01.

Agency:-Gangulu Reddy.A

Measure ment sheet Bill no:-Final bill

Measurements taken on:- 18|12|16, 20|12|16, 5|1|17, 12|1|17, 6|2|17

From	TO	Unit	No	Lenth	Breadth	Depth	Quantity	Remarks
Item no.06	KSRB 4-6.5: Providing and removing centering, shuttering, strutting, propping etc., for columns, pillars, piers, abutments, post and struts, square/ rectangular/polygon in plan including cost of all materials, labour complete as per specifications. (P16/4.32)							
	College building columns:- Up to plinth	Sqm	12	0.45		1.60	8.64	
			12	0.30		1.60	5.76	
	C2		12	0.45		1.55	8.37	
			12	0.30		1.55	5.58	
	C3		8	0.45		1.70	6.12	
			8	0.30		1.70	4.08	
	C4		16	0.23		1.85	6.81	
			16	0.23		1.85	6.81	
	Up to lintell levell:-C1		12	0.45		2.10	11.34	
			12	0.30		2.10	7.56	
	C2		12	0.45		2.10	11.34	
			12	0.30		2.10	7.56	
	C3		8	0.45		2.10	7.56	
			8	0.30		2.10	5.04	
	C4		16	0.23		2.90	10.67	
			16	0.23		2.90	10.67	
	Up to tie beam levell:-C1		12	0.45		0.60	3.24	
			12	0.30		0.60	2.16	
	C2		12	0.45		0.60	3.24	
			12	0.30		0.60	2.16	
	C3		8	0.45		0.60	2.16	
			8	0.30		0.60	1.44	
	Up to parapet top levell:-C1		12	0.45		0.90	4.86	
			12	0.30		0.90	3.24	
	C2		12	0.45		0.90	4.86	
			12	0.30		0.90	3.24	
	C3		8	0.45		0.90	3.24	
			8	0.30		0.90	2.16	
	C4		16	0.23		0.90	3.31	
			16	0.23		0.90	3.31	
	TOilet building columns:- Up to plinth		4	0.45		1.60	2.88	
			4	0.20		1.60	1.28	
	C2		8	0.45		1.65	5.94	
			8	0.20		1.65	2.64	
	Up to lintell levell:-C1		4	0.45		2.10	3.78	
			4	0.20		2.10	1.68	
	C2		8	0.45		2.10	7.56	
			8	0.20		2.10	3.36	
	Up to tie beam levell:-C1		4	0.45		0.175	0.32	
			4	0.20		0.175	0.14	
	C2		8	0.45		0.175	0.63	
			8	0.20		0.175	0.28	
	Up to parapet top levell:-C1		4	0.45		0.30	0.54	
			4	0.20		0.30	0.24	
	C2		8	0.45		0.30	1.08	

BRUHAT BANGALORE MAHANAGARA PALIKE

Name of Work:- Construction of additional class rooms,Toilet &providing school accessories to yelahanka government junior college,Yelahanka Bangalore,Ward No-01.

Agency:-Gangulu Reddy.A

Measure ment sheet Bill no:-Final bill

Measurements taken on:- 8/1/17, 12/1/17

From	TO	Unit	No	Lenth	Breadth	Depth	Quantity	Remarks
Item no.07	Providing and removing centering, shuttering, strutting, propping etc., and removal of form work for sides and soffits of beams, beam haunchings, cantilever girders, bressuemers and lintles exceeding 1 m in depth incluidng cost of all materials, labour complete as per specifications.(p.no16/si no4.34 pwd sr 2015-2016)							
	College building:- Lintell beam out	Sqm	2	31.90		0.20	12.76	
	S/walls		2	7.10		0.20	2.84	
	Inside:-Rooms		2	9.25		0.20	3.70	
			2	6.60		0.20	2.64	
	Rooms		2	9.20		0.20	3.68	
			2	6.60		0.20	2.64	
	Rooms		2	9.00		0.20	3.60	
			2	6.60		0.20	2.64	
	Staire case		2	3.50		0.20	1.40	
			2	6.60		0.20	2.64	
	Toilet building:- Lintell beam out side L/Walls		2	6.85		0.15	2.06	
	S/walls		2	4.95		0.15	1.49	
	Inside:-L/walls		2	6.45		0.15	1.94	
	S/walls		2	4.60		0.15	1.38	
	Interior partions:-L/walls		2	4.20		0.10	0.84	
			2	1.55		0.10	0.31	
	S/walls		2	2.40		0.10	0.48	
			6	1.10		0.10	0.66	
			2	1.80		0.10	0.36	
	College building Tie beam out side:- L/Walls		2	31.90		0.45	28.71	
	S/walls		2	9.20		0.45	8.28	
	Inside:-Rooms		2	6.60		0.45	5.94	
			2	4.55		0.45	4.10	
			2	6.60		0.45	5.94	
			2	4.50		0.45	4.05	
	Rooms		2	6.60		0.45	5.94	
			2	4.45		0.45	4.01	
			2	6.60		0.45	5.94	
			2	4.50		0.45	4.05	
	Rooms		2	6.60		0.45	5.94	
			2	4.40		0.45	3.96	
			2	6.60		0.45	5.94	
			2	4.35		0.45	3.92	
	Staire case		2	6.60		0.45	5.94	
			2	3.50		0.45	3.15	
	Varandha		2	31.40		0.45	28.26	
			12	1.85		0.45	9.99	
			2	1.85		0.45	1.67	
	Toilet building Tie beam out side:- L/Walls		2	6.85		0.45	6.17	
	S/walls		2	5.00		0.45	4.50	
	In side:-L/Walls		4	3.10		0.45	5.58	

BRUHAT BANGALORE MAHANAGARA PALIKE

Name of Work:- Construction of additional class rooms,Toilet &providing school accessories to yelahanka government junior college,Yelahanka Bangalore,Ward No-01.

Agency:-Gangulu Reddy.A

Measure ment sheet Bill no:-Final bill

Measurements taken on:- 19/12/16, 21/12/16, 2/1/17, 5/1/17, 9/1/17, 12/1/17, 18/1/17.

From	TO	Unit	No	Lenth	Breadth	Depth	Quantity	Remarks
Item no.09	Providing and laying in position reinforced cement concrete of design mix M25 with OPC cement @ 320kgs, with 20mm and down size graded granite metal coarse aggregates @0.7cum and fine aggregtes @ 0.47cum, with superplastisiser @3lts confirmingto IS9103-1999 Reaffirmed-2008, machine mixed, concrete laid in layers not exceeding 15 cms thick, vibrated for all works **in ground floor level** for roof slabs, staircase, lintles, retaining walls, return walls, walls (any thickness) including attached plasters, columns, piers, abutments, pillars, posts, struts, buttresses, string or lacing courses, parapets, coping, bed blocks, anchor blocks, plain window cills, fillets etc., including cost of all materials, labour, HOM of machinery, curing, complete as per specifications.(p.no13/sino4.12,pwd sr 2015-2016)							
	College building Footing Concrete-F1	Cum	6	2.70	2.70	0.60	26.24	
	F2		6	3.00	3.00	0.65	35.10	
	F3		4	2.40	2.40	0.50	11.52	
	F4		8	1.20	1.20	0.35	4.03	
	Coloumns:-Up to plinth levell C1		6	0.45	0.30	1.60	1.30	
	C2		6	0.45	0.30	1.55	1.26	
	C3		4	0.45	0.30	1.70	0.92	
	C4		8	0.23	0.23	1.85	0.78	
	Up to lintell level C1		6	0.45	0.30	2.10	1.70	
	C2		6	0.45	0.30	2.10	1.70	
	C3		4	0.45	0.30	2.10	1.13	
	C4		8	0.23	0.23	2.90	1.23	
	Up to tie beam levell C1		6	0.45	0.30	0.60	0.49	
	C2		6	0.45	0.30	0.60	0.49	
	C3		4	0.45	0.30	0.60	0.32	
	Up to parapet wall top levell C1		3	0.45	0.30	0.90	0.36	
	C2		4	0.45	0.30	0.90	0.49	
	C3		4	0.45	0.30	0.90	0.49	
	C4		8	0.23	0.23	0.90	0.38	
	Plinth beam:-L/Walls		3	31.90	0.20	0.45	8.61	
	S/walls		2	8.45	0.20	0.45	1.52	
			6	6.90	0.20	0.45	3.73	
	Lintell beam:- L/Walls		1	31.90	0.20	0.20	1.28	
			1	28.25	0.20	0.20	1.13	
	S/walls		5	6.60	0.20	0.20	1.32	
	B1		1	6.60	0.20	0.45	0.59	
			1	1.85	0.20	0.45	0.17	
	B2		2	6.60	0.20	0.45	1.19	
			2	1.85	0.20	0.45	0.33	
	B3		5	6.60	0.20	0.45	2.97	
			5	1.85	0.20	0.45	0.83	
	B4,B5&B6		12	4.45	0.20	0.30	3.20	
			2	3.50	0.20	0.30	0.42	
	S/walls		8	6.60	0.20	0.45	4.75	
			8	1.85	0.20	0.45	1.33	
	Roof		1	28.25	9.20	0.15	38.99	
			1	3.60	2.55	0.15	1.38	
	Staire case foundation		1	1.50	0.45	0.80	0.54	

E.E. (Project)

Checked 12/1/17

BRUHAT BANGALORE MAHANAGARA PALIKE

Name of Work:- Construction of additional class rooms,Toilet &providing school accessories to yelahanka government junior college,Yelahanka Bangalore,Ward No-01.

Agency:-Gangulu Reddy.A

Measure ment sheet Bill no:-Final bill

Measurements taken on:- 18|12|16 , 20|12|16 , 21|12|16 , 5|1|17 , 8|1|17 , 11|1|17 , 17|1|17 , 5|2|17

From	TO	Unit	No	Lenth	Breadth	Depth	Quantity	Remarks
Item no.10	Providing TMT Steel Reinforcement for R.C.C work including straightening, cutting, bending, hooking, placing in position, lapping and / or welding wherever required, tying with binding wire and anchoring to the adjoining members wherever necessary complete as per design (laps and wastage shall not be measured and paid) cost of materials, labour, HOM of machinery complete as per specifications.TMT Bars Fe 500(p.no17.4.46.2 pwd sr 2015-2016)							
	College Building							
	Footing,s	Tonne,s						
	F1:-12MM Dia (0.125c/c)	6	22	2.90	382.80			
		6	20	3.10	372.00			
	F2:-12MM Dia (0.10c/c)	6	30	3.15	567.00			
		6	27	3.45	558.90			
	F3:-12MM Dia (0.15c/c)	4	16	3.15	201.60			
		4	14	3.45	193.20			
	F4:-12MM Dia (0.15c/c)	8	7	3.15	176.40			
		8	7	3.45	193.20			
					2645.10	0.89	**2354.14**	
	Column,s							
	C1:-25MM Dia	6	8	7.40	355.20	3.85	**1367.52**	
	20MM Dia	6	4	7.40	177.60	2.47	**438.67**	
	Stirrupps:-8MM Dia(0.20c/c)	6	36	1.20	259.20			
		6	36	1.20	259.20			
		6	36	0.45	97.20			
					615.60	0.39	**240.08**	
	C2:-25MM Dia	6	12	7.40	532.80	3.85	**2051.28**	
	Stirrupps:-8MM Dia(0.20c/c)	6	36	1.20	259.20			
		6	36	1.20	259.20			
		6	36	0.45	97.20			
					615.60	0.39	**240.08**	
	C3:-25MM Dia	4	6	7.40	177.60	3.85	**683.76**	
	20MM Dia	4	6	7.40	177.60	2.47	**438.67**	
	Stirrupps:-8MM Dia(0.20c/c)	6	36	1.20	259.20			
		6	36	1.20	259.20			
		6	36	0.45	97.20			
					615.60	0.39	**240.08**	
	C4:-20MM Dia	8	4	7.40	236.80	2.47	**584.90**	
	Stirrupps:-8MM Dia(0.20c/c)	8	36	1.20	345.60	0.39	**134.78**	
	Plinth Beam							
	PB:-Top Rods 20MM Dia	2	3	10.00	60.00			
		6	3	10.00	180.00			
					240.00	2.47	**592.80**	
	Bottom Rods 25MM Dia	2	3	10.00	60.00			
		6	3	10.00	180.00			
					240.00	3.85	**924.00**	
	Stirrupps:-8MM Dia(0.125c/c)	2	67	1.20	160.80			
		6	55	1.20	396.00			
					556.80	0.39	**217.15**	
	PB1:-Top Rods 16MM Dia	3	3	32.60	293.40			

	Bottom Rods 16MM Dia	3	3	32.60	293.40			
					2660.40	1.58	**4203.43**	
	Stirrupps:-8MM Dia(0.15c/c)	18	30	1.20	648.00			
		3	23	1.20	82.80			
					730.80	0.39	**285.01**	
	Staire case							
	Bottom Rods 12MM Dia(0.15c/c):-1st flight	1	11	5.70	62.70			
	Landing	1	4	1.70	6.80			
	2nd flight	1	11	6.00	66.00			
	Top Rods:-1st flight	1	10	5.70	57.00			
	Landing	1	3	1.70	5.10			
	2nd flight	1	10	6.00	60.00			
					257.60	0.89	**229.26**	
	Distrubutions:-10MM Dia(0.20c/c)							
	Bottom Rods:-1st flight	1	19	1.45	27.55			
	Landing	1	11	1.45	15.95			
	2nd flight	1	18	3.90	70.20			
	Top Rods:-1st flight	1	18	1.45	26.10			
	Landing	1	10	1.45	14.50			
	2nd flight	1	17	3.90	66.30			
					220.60	0.62	**136.77**	
	Lintell Beam							
	Top Rods 10MM Dia	1	2	32.20	64.40			
		1	2	28.60	57.20			
		5	2	7.40	74.00			
					195.60	0.62	**121.27**	
	Bottom Rods 12MM Dia	1	2	32.20	64.40			
		1	2	28.60	57.20			
		5	2	7.40	74.00			
					195.60	0.89	**174.08**	
	Stirrupps:-8MM Dia(0.15c/c)	1	205	0.75	153.75			
		1	176	0.75	132.00			
		5	45	0.75	168.75			
					454.50	0.39	**177.26**	
	Chejja,s							
	Main Rods 10MM Dia(0.15c/c)	6	25	1.20	180.00			
					180.00	0.62	**111.60**	
	Distrubution Rods 8MM Dia(0.20c/c)	6	4	3.50	84.00			
					84.00	0.39	**32.76**	
	Tie Beam							
	B1:- Top Thru Rods,12MM Dia	1	2	10.00	20.00	0.89	**17.80**	
	Extra Rods,20MM Dia	1	2	2.90	5.80			
		1	2	2.80	5.60			
					31.40	2.47	**77.56**	
	Bottom Thru Rods,16MM Dia	1	2	7.20	14.40			
		1	2	3.50	7.00			
	Extra Rods	1	2	4.50	9.00			
					30.40	1.58	**48.03**	
	Stirrupps:-8MM Dia(0.20c/c)	1	7	1.20	8.40			
	(0.15c/c)	1	4	1.20	4.80			
	(0.15c/c)	1	16	1.50	24.00			
	(0.30c/c)	1	7	1.50	10.50			
	(0.15c/c)	1	16	1.50	24.00			
					71.70	0.39	**27.96**	
	B2:- Top Thru Rods,16MM Dia	2	2	10.00	40.00	1.58	**63.20**	
	Extra Rods,25MM Dia	2	2	2.90	11.60			
		2	2	2.80	11.20			
					62.80	3.85	**241.78**	
	Bottom Thru Rods,16MM Dia	2	2	3.50	14.00			
		2	2	7.20	28.80			
	Extra Rods	2	2	4.50	18.00			
					60.80	1.58	**96.06**	
	Stirrupps:-8MM Dia(0.20c/c)	2	7	1.20	16.80			
	(0.125c/c)	2	4	1.20	9.60			
	(0.125c/c)	2	19	1.50	57.00			

	(0.20c/c)	2	11	1.50	33.00			
	(0.125c/c)	2	18	1.50	54.00			
					170.40	0.39	**66.46**	
	B3:- Top Thru Rods,20MM Dia	5	2	10.00	100.00	2.47	**247.00**	
	Extra Rods,25MM Dia	5	2	2.90	29.00			
		5	2	2.80	28.00			
					57.00	3.85	**219.45**	
	Bottom Thru Rods,16MM Dia	5	2	3.50	35.00			
		5	2	7.20	72.00			
	Extra Rods	5	2	4.50	45.00			
					152.00	1.58	**240.16**	
	Stirrupps:-8MM Dia(0.20c/c)	5	7	1.20	42.00			
	(0.125c/c)	5	4	1.20	24.00			
	(0.125c/c)	5	19	1.50	142.50			
	(0.20c/c)	5	11	1.50	82.50			
	(0.125c/c)	5	18	1.50	135.00			
					426.00	0.39	**166.14**	
	B4:- Top Thru Rods,12MM Dia	1	2	32.70	65.40	0.89	**58.21**	
	Extra Rods,16MM Dia	1	2	1.50	3.00			
		1	2	2.90	5.80			
		5	2	3.20	32.00			
		1	2	2.10	4.20			
	Bottom Thru Rods	1	2	32.70	65.40			
					110.40	1.58	**174.43**	
	Extra Rods,12MM Dia	1	2	2.40	4.80			
		6	2	3.05	36.60			
					41.40	0.89	**36.85**	
	Stirrupps:-8MM Dia(0.15c/c)	1	9	1.20	10.80			
	(0.125c/c)	1	5	1.20	6.00			
	(0.15c/c)	1	8	1.20	9.60			
	(0.15c/c)	6	10	1.20	72.00			
	(0.125c/c)	6	6	1.20	43.20			
	(0.15c/c)	6	10	1.20	72.00			
					213.60	0.39	**83.30**	
	B5:- Top Thru Rods,12MM Dia	1	2	32.70	65.40	0.89	**58.21**	
	Extra Rods,20MM Dia	1	2	1.50	3.00			
		1	2	2.90	5.80			
		5	2	3.20	32.00			
		1	2	2.10	4.20			
					45.00	2.47	**111.15**	
	Bottom Thru Rods,16MM Dia	1	2	32.70	65.40			
	Extra Rods,16MM Dia	1	2	2.40	4.80			
		6	2	3.05	36.60			
					106.80	1.58	**168.74**	
	Stirrupps:-8MM Dia(0.125c/c)	1	9	1.20	10.80			
	(0.20c/c)	1	5	1.20	6.00			
	(0.125c/c)	1	9	1.20	10.80			
	(0.15c/c)	6	13	1.20	93.60			
	(0.125c/c)	6	7	1.20	50.40			
	(0.15c/c)	6	13	1.20	93.60			
					265.20	0.39	**103.43**	
	B6:- Top Thru Rods,16MM Dia	1	2	32.70	65.40			
	Bottom Thru Rods	1	2	32.70	65.40			
					130.80	1.58	**206.66**	
	Stirrupps:-8MM Dia(0.20c/c)	1	17	1.20	20.40			
		6	22	1.20	158.40			
					178.80	0.39	**69.73**	
	Roof							
	Main Rods 10MM Dia(0.125C/C)							
	Alternative crank rods	1	34	6.50	221.00			
		1	20	10.00	200.00			
		4	54	7.90	1706.40			
		1	54	6.50	351.00			
	Extra Rods	1	10	5.00	50.00			
		1	34	1.50	51.00			

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E.E. (Project)

		5	54	3.00	810.00		
		1	54	1.50	81.00		
					3470.40	0.62	**2151.65**
	Distrubution Rods 10MM Dia(0.175C/C)						
	Alternative crank rods	6	24	6.50	936.00		
	Extra Rods	6	24	2.50	360.00		
		1	40	3.20	128.00		
					1424.00	0.62	**882.88**
	Varandah portion						
	Main Rods 8MM Dia(0.15c/c)	6	29	3.20	556.80		
		6	28	3.20	537.60		
		1	24	3.20	76.80		
		1	23	3.20	73.60		
	Distrubution Rods 8MM Dia(0.225C/C)	1	9	31.90	287.10		
		1	8	31.90	255.20		
					1787.10	0.39	**696.97**
	Toilet Building						
	Footing,s						
	F1:-12MM Dia (0.125c/c)	2	22	2.90	127.60		
		2	20	3.15	126.00		
	F2:-12MM Dia (0.10c/c)	4	16	2.90	185.60		
		4	17	2.70	183.60		
					622.80	0.89	**554.29**
	Column,s						
	C1:-25MM Dia	2	8	6.00	96.00		
	C2	4	4	6.00	96.00		
					192.00	3.85	**739.20**
	C2:-20MM Dia	4	4	6.00	96.00	2.47	**237.12**
	Stirrupps:-8MM Dia(0.20c/c)C1	4	30	1.00	120.00		
	C2	8	30	1.00	240.00		
					360.00	0.39	**140.40**
	Plinth Beam						
	PB:-Top Rods 16MM Dia	2	3	7.50	45.00		
		2	3	5.30	31.80		
	Bottom Rods	2	3	7.50	45.00		
		2	3	5.30	31.80		
					153.60	1.58	**242.69**
	Stirrupps:-8MM Dia(0.125c/c)	2	44	1.20	105.60		
		2	27	1.20	64.80		
					170.40	0.39	**66.46**
	Lintell Beam						
	Top Rods 10MM Dia	2	2	7.10	28.40		
		2	2	4.80	19.20		
					47.60	0.62	**29.51**
	Bottom Rods 12MM Dia	2	2	7.10	28.40		
		2	2	4.80	19.20		
					47.60	0.89	**42.36**
	Stirrupps:-8MM Dia(0.15c/c)	2	42	0.75	63.00		
		2	28	0.75	42.00		
					105.00	0.39	**40.95**
	Chejja,s						
	Main Rods 10MM Dia(0.15c/c)	3	9	1.20	32.40		
		1	9	1.20	10.80		
					43.20	0.62	**26.78**
	Distrubution Rods 8MM Dia(0.20c/c)	3	4	1.10	13.20		
		1	4	1.10	4.40		
					17.60	0.39	**6.86**
	Tie Beam						
	B1:- Top Thru Rods,12MM Dia	2	2	5.20	20.80	0.89	**18.51**
	Extra Rods,20MM Dia	2	4	1.80	14.40	2.47	**35.57**
	Bottom Thru Rods,16MM Dia	2	2	5.00	20.00		
	Extra Rods	2	2	3.00	12.00		
					32.00	1.58	**50.56**
	Stirrupps:-8MM Dia(0.15c/c)	2	11	1.20	26.40		
	(0.20c/c)	2	7	1.50	21.00		

BRUHAT BANGALORE MAHANAGARA PALIKE

Name of Work:- **Construction of additional class rooms,Toilet &providing school accessories to yelahanka government junior college,Yelahanka Bangalore,Ward No-01.**

Agency:-Gangulu Reddy.A

Measure ment sheet Bill no:-Final bill

Measurements taken on:- 14/1/17.

From	TO	Unit	No	Lenth	Breadth	Depth	Quantity	Remarks
Item no.11	KSRB 5-14: Providing and constructing precast concrete solid blocks with compressive strength not less than 35Kg/sqm with cement mortar 1:4 masonry (quoin, Jamb, closer blocks) with solid concrete blocks of size 40x20x20cms conforming to I.S: 2185/1965 in superstructure including cost of materials, labour charges, scaffolding, curing complete as per specifications. (P25/5.27)							
	College building L/walls	Sqm	2	28.25		3.05	172.33	
	S/walls		5	6.65		2.90	96.43	
	Staire case back side		1	3.50		3.05	10.68	
	Varandha wall		1	31.80		0.90	28.62	
			2	1.85		0.90	3.33	
	Entrance Steps		1	5.00	1.30		6.50	
			1	5.00	1.00		5.00	
			1	5.00	0.70		3.50	
			1	5.00	0.40		2.00	
	Stage		3	6.00	1.50		27.00	
	Toilet building L/walls		2	6.80		2.55	34.68	
	S/walls		2	4.60		2.55	23.46	
	New flag post:-Basement		4	1.60	1.60		10.24	
							423.76	
	(-)Deductions:- **College building**							
	Up to lintell levell C1		6	0.45		3.05	8.24	
	C2		6	0.30		3.05	5.49	
	C3		4	0.30		2.90	3.48	
	C4		8	0.23		0.90	1.66	
	Main Entry		1	4.50		0.90	4.05	
	D		3	1.50		2.10	9.45	
	W		18	1.50		1.40	37.80	
	V		18	1.50		0.60	16.20	
	V1		1	1.50		1.00	1.50	
	Lintell beam:- L/Walls		1	28.25		0.20	5.65	
	S/walls		6	1.50		0.20	1.80	
	Staire case open		1	3.50		0.20	0.70	
	Toilet building:-ColumnsC1		2	0.45		2.55	2.30	
	C2		4	0.45		2.55	4.59	
	Lintell beam:-Above ventilators		5	0.80		0.15	0.60	
	Above door		1	1.20		0.15	0.18	
	D		1	0.90		2.10	1.89	
	V		5	0.90		0.60	2.70	
	V2		1	1.05		0.90	0.95	
							109.21	
						Total Qty	**314.54**	

checked. 14/1 E.E. (Projects)

A Gangulu Reddy
Contractor,s Representative

Assistant Engineer
Project Sub Division

14/1/17
Assistant Executive Engineer
Project Sub Division
Bruhat Bangalore Mahanagara Palike

BRUHAT BANGALORE MAHANAGARA PALIKE

Name of Work:- Construction of additional class rooms,Toilet &providing school accessories to yelahanka government junior college,Yelahanka Bangalore,Ward No-01.

Agency:-Gangulu Reddy.A

Measure ment sheet Bill no:-Final bill

Measurements taken on:- 28|3|17

From	TO	Unit	No	Lenth	Breadth	Depth	Quantity	Remarks
Item no.18	Providing 18mm thick cement plaster in single coat with cement mortar 1:4, to brick masonry including rounding off corners wherver required smooth rendering, : Providing and removing scaffolding, cost of materials, labour, curing complete as per specifications and direction of the Engineer in charge Providing lime rendering for plastering to wall and ceiling including cost of materials labour curing complete as per specifications **Internal wall** plastering							
	College building Rooms	Sqm	2	9.25		3.35	61.98	
			2	6.60		3.35	44.22	
			2	9.20		3.35	61.64	
			2	6.60		3.35	44.22	
			2	9.00		3.35	60.30	
			2	6.60		3.35	44.22	
	Staire case		1	3.50		3.35	11.73	
			2	6.60		3.35	44.22	
	varandha		2	31.80		3.35	213.06	
	Varandha Side wall top portion		2	1.85	0.20		0.74	
			1	4.55	0.20		0.91	
			1	4.50	0.20		0.90	
			1	4.45	0.20		0.89	
			1	4.50	0.20		0.90	
			1	4.40	0.20		0.88	
			1	4.35	0.20		0.87	
			1	3.50	0.20		0.70	
	Columns:-c4		8	0.92		3.50	25.76	
	Toilet block		2	6.45		2.85	36.77	
			2	4.60		2.85	26.22	
	partition walls		4	1.40		2.10	11.76	
			4	1.10		2.10	9.24	
	C&F C		2	2.40		2.10	10.08	
			1	1.10		2.10	2.31	
			4	1.40		2.10	11.76	
	28/3/17		4	1.10		2.10	9.24	
			2	1.60		2.10	6.72	
							742.23	
	Deductions:-**College building** D		3	1.50		2.10	9.45	
	W		18	1.50		1.40	37.80	
	v		18	1.50		0.60	16.20	
			1	1.50		1.00	1.50	
	varandha		1	4.55		2.00	9.10	
			1	4.50		2.00	9.00	
			1	4.45		2.00	8.90	
			1	4.50		2.00	9.00	
			1	4.40		2.00	8.80	
			1	4.35		2.00	8.70	
			1	3.50		2.00	7.00	
			2	1.85		2.00	7.40	
	Main Entry		2	4.50		0.90	8.10	
	Toilet block D		1	0.90		2.10	1.89	
	D1		10	0.65		2.10	13.65	

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BRUHAT BANGALORE MAHANAGARA PALIKE

Name of Work:- Construction of additional class rooms,Toilet &providing school accessories to yelahanka government junior college,Yelahanka Bangalore,Ward No-01.

Agency:-Gangulu Reddy.A

Measure ment sheet Bill no:-Final bill

Measurements taken on:- 27/12/16

From	TO	Unit	No	Lenth	Breadth	Depth	Quantity	Remarks
Item no.30	KSRB 5.3-3 : Providing and constructing granite / trap / basalt size stone masonry in basement with cement mortar 1:6, edges of stones chistle dressed in courses not less than 15 cms high, bond stones at two m. apart in each course including cost of materials, labour, curing complete as per specifications.KBS 5.1.13 (P.26/5.90)							
	College building:-Basement L/walls	Cum	2	31.95	0.45	0.45	12.94	
	S/walls		2	8.45	0.45	0.45	3.42	
			3	6.90	0.45	0.45	4.19	
	Toilet building:-Basement L/walls		2	6.85	0.45	0.45	2.77	
	S/walls		2	4.10	0.45	0.45	1.66	
	New flag post:-Basement		1	1.55	1.55	0.35	0.84	
							25.83	
	(-)Deduct for **College building:-** columns:-C1	Seen	6	0.45	0.30	0.45	0.36	
	C2		6	0.45	0.30	0.45	0.36	
	C3			0.45	0.30	0.45	0.24	
	C4		8	0.23	0.23	0.45	0.19	
	Toilet building:-columns:-C1		2	0.45	0.20	0.45	0.08	
	C2		4	0.45	0.20	0.45	0.16	
							1.41	
						Total qty	**24.42**	

E.E.'s (Projects)

A. Gangulu Reddy

Contractor,s Representative

Assistant Engineer
Project Sub Division

27/12/16

Assistant Executive Engineer
Project Sub Division
Bruhat Bangalore Mahanagara Palike

BRUHAT BANGALORE MAHANAGARA PALIKE

Name of Work:- **Construction of additional class rooms,Toilet &providing school accessories to yelahanka government junior college,Yelahanka Bangalore,Ward No-01.**

Agency:-Gangulu Reddy.A

Measure ment sheet Bill no:-Final bill

Measurements taken on:- 29/12/16, 10/3/17, 14/3/17

From	TO	Unit	No	Lenth	Breadth	Depth	Quantity	Remarks
Item no.31	KSRB 4-1.5: Providing and laying in position plain cement concrete of mix M20 with opc cement 2300kgs,with 20mm and down size graded granite metal coarse aggregates @0.69cum and fine aggregates @.43 cum,with superplastisisre @3lts confirming to IS9103-1999 Reaffirmed-2008, machine mixed, concrete laid in layers not excedding 15cms. Thick well compacted in foundation, plinth and cills, including cost of all materials, labour, HOM of machinery, curing complete as per specification.(P12/4.5,PWD SR 2015-2016)							
	College building Footings :- F1	Cum	6	2.85	2.70	0.15	6.93	
	F2		6	3.15	3.00	0.15	8.51	
	F3		4	2.55	2.40	0.15	3.67	
	F4		8	1.35	1.35	0.15	2.19	
	College building:- coping concrete		2	31.95	0.45	0.10	2.88	
	S/walls		2	8.45	0.45	0.10	0.76	
			3	6.90	0.45	0.10	0.93	
	Flooring :-Rooms		1	6.60	4.55	0.15	4.50	
			1	6.60	4.50	0.15	4.46	
			1	6.60	4.45	0.15	4.41	
			1	6.60	4.50	0.15	4.46	
			1	6.60	4.40	0.15	4.36	
			1	6.60	4.35	0.15	4.31	
			1	6.60	3.50	0.15	3.47	
	Varandha		1	31.40	1.85	0.15	8.71	
	Flagging concrete:-Back		1	34.10	1.30	0.10	4.43	
	Sides		2	9.20	0.90	0.10	1.66	
	Front		1	29.10	1.00	0.10	2.91	
	Steps foundations		1	5.00	1.30	0.10	0.65	
	Stage flooring		1	4.50	1.80	0.10	2.43	
	Toilet building:- coping concrete L/Walls		2	6.85	0.45	0.10	0.62	
	S/walls		2	4.10	0.45	0.10	0.37	
	Flooring		1	1.10	1.45	0.12	0.19	
			1	1.10	1.45	0.12	0.19	
			1	0.90	1.45	0.12	0.16	
			1	1.15	1.45	0.12	0.20	
			1	1.10	1.55	0.12	0.20	
			1	1.10	1.55	0.12	0.20	
			1	0.90	1.55	0.12	0.17	
			1	1.15	1.40	0.12	0.19	
			1	3.35	1.80	0.12	0.72	
			1	1.10	1.05	0.12	0.14	
			1	3.35	1.15	0.12	0.46	
			1	1.10	1.90	0.12	0.25	
	College ground:-Infront of chemistry section		1	30.00	22.80	0.10	68.40	
			1	(8.50+13.10)	22.80	0.10	24.62	
				2				
			1	1.55	1.55	0.10	0.24	
	Gymm :- Flooring		1	15.20	4.90	0.12	8.94	
	Parking area		1	30.00	(6.00+6.60)	0.10	18.90	
					2			
			1	5.40	6.60	0.10	3.56	
			1	3.00	(6.60+4.20)	0.10	1.62	

29/12 E.E. (Project)

E.E. (Project) 10/3/17

C&P 10/3/17

BRUHAT BANGALORE MAHANAGARA PALIKE

Name of Work:- Construction of additional class rooms,Toilet &providing school accessories to yelahanka government junior college,Yelahanka Bangalore,Ward No-01.

Agency:-Gangulu Reddy.A

Measure ment sheet Bill no:-Final bill

Measurements taken on:- 7/4/17

From	TO	Unit	No	Lenth	Breadth	Depth	Quantity	Remarks
Item no.38	Providing and fixing for flooring 20mm thick gang saw water cut sadarhalli gray granite in CM 1:4 proportion, cut to required shape, pattern with paper joints, finished with cement mortar using white cement and colour pigments to match the colour of slab making through jointing with sealant, groves in joints including cost of curing - minimum width of 900mm.							
	College building Flooring :-Rooms	Sqm	1	9.25	6.60		61.05	
			1	9.20	6.60		60.72	
			1	9.00	6.60		59.40	
	Staire case		1	6.60	3.50		23.10	
	Varandha		1	31.40	1.85		58.09	
	Sidewalls skirting:-Rooms		2	9.25		0.15	2.78	
			2	6.60		0.15	1.98	
			2	9.20		0.15	2.76	
			2	6.60		0.15	1.98	
			2	9.00		0.15	2.70	
			2	6.60		0.15	1.98	
			6	1.50		0.15	1.35	
	Varandha		2	31.40		0.15	9.42	
			2	1.85		0.15	0.56	
	Staire case		2	6.60		0.15	1.98	
			1	3.50		0.15	0.53	
	New flag post		1	1.60		1.60	2.56	
			4	1.60		0.45	2.88	
			2	0.65		0.40	0.52	
			2	0.65		0.25	0.33	
							296.65	
	(-)Deductions for College building D		3	1.50		0.15	0.68	
	Varandha main e3ntry		1	4.50		0.15	0.68	
	Staire case		1	3.50		0.15	0.53	
							1.88	
						Total qty	**294.78**	

Checked.

E.E. (Projects)

A. Gangulu Reddy

Contractor,s Representative

Assistant Engineer
Project Sub Division

7/4/17

Assistant Executive Engineer
Project Sub Division
Bruhat Bangalore Mahanagara Palike